BSC 307 Concrete Lesson Plan Form

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| Title: What’s eating you?? | Grade Level:  9 |
| Objectives:  TSWBAT define key terms related to energy transfer of organisms.  TSWBAT understand how to use a food web to show how energy is transferred through organisms. | |
| Illinois State Learning Standards:  Stage H: 12B: 1 | |
| Activity Description:  First, we will go over an energy vocabulary worksheet that was done for homework the night before. Then, students will work in groups to complete an activity where they are given a blank food web and will use the vocabulary worksheet to fill in the pyramid with the words and choose their own organisms for each level. Each group will then share their food webs with the class and we will discuss their reasons for choosing which organisms. | |
| Assessment Strategies:  Students will be assessed on their completion of the food web and will get checked off after their group presents their food web, to show that they understood they activity. A quiz later in the week will be another form of assessment I will use for this topic. | |
| Rationale:  The topic of energy transfer is often a confusing and topic to describe, but I feel this lesson helps show visually what energy transfer means and how it is used in nature. This lesson demonstrates the basics of the circle of life pertaining to energy and by working together with other students it allows them to get their creative juices flowing to help understand the food web. This lesson also, fulfills the ILS Stage H: 12B: 1 for high school freshman biology about energy use by organisms. | |
| Resources: I got the idea for the group activity from:  Illinois State Board of Education. (1997). Illinois State Learning Standards.  [On- line]. Retrieved on January 25 2011. Available: <http://www.isbe.net/ils/Default.htm>  Col, Jeananda. (2010). Food Chains and Food Webs. Retrieved on January 24,  2011 from http://www.enchantedlearning.com/subjects/foodchain/ | |